

High Pressure/Pressure Reducing
maximum 6,000 & 10,000 PSIG in/ranges up to 6,000 PSIG out
self venting/excellent sensitivity

44-1100 Series

Specifications

- ❑ **Operating Parameters**
 - pressure rating per criteria of ANSI/ASME B31.3
 - maximum rated inlet pressure:
 - stainless steel 10,000 PSIG
 - brass 6,000 PSIG
 - outlet pressure ranges . . . 0-500, 0-800, 10-1500,
15-2500, 25-4000, 50-6000 PSIG
 - design proof pressure . . 150% of maximum rated inlet
 - leakage bubble-tight
 - operating temperature -65° F to +165° F
(-55° C to +75° C)
 - flow capacity $C_V = .06$
 - maximum operating torque . . . 35 in.-lb. (3.95 Nm)

- ❑ **Media Contact Materials**
 - body brass, 303 or 316 Stainless Steel
 - filter:
 - brass body 40 Micron (nominal) - bronze
 - SST body 15 Micron (nominal) - 316 SST
 - main valve seat Vespel®
 - vent valve seat CTFE
 - seals Buna-N
 - back-up rings Teflon®
 - remaining parts 300 Series Stainless Steel

For other materials and modifications, please consult factory.

- ❑ **Cleaning** CGA 4.1 and
ASTM G93 (Intermediate Level)

- ❑ **Weight** 4.75 lbs. (2.15 kg)

Pressure Conversion 14.5 PSIG = 1 bar 145 PSIG = 1 MPa

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Advantages

- Removable valve assembly module permits easy repair
- Excellent sensitivity through a wide range of pressure settings
- Extra safety and reliability of piston style sensor
- Unbalanced stem assists positive shut-off
- Inlet & outlet gauge ports standard
- Available in brass or Stainless Steel
- Regulator vents to zero PSIG in all pressure ranges
- Numerous modifications available



